








# U.S. Drought Monitor

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**Map released: Thurs. July 6, 2023**

Data valid: July 4, 2023 at 8 a.m. EDT

## Intensity

-  None
-  D0 (Abnormally Dry)
-  D1 (Moderate Drought)
-  D2 (Severe Drought)
-  D3 (Extreme Drought)
-  D4 (Exceptional Drought)
-  No Data

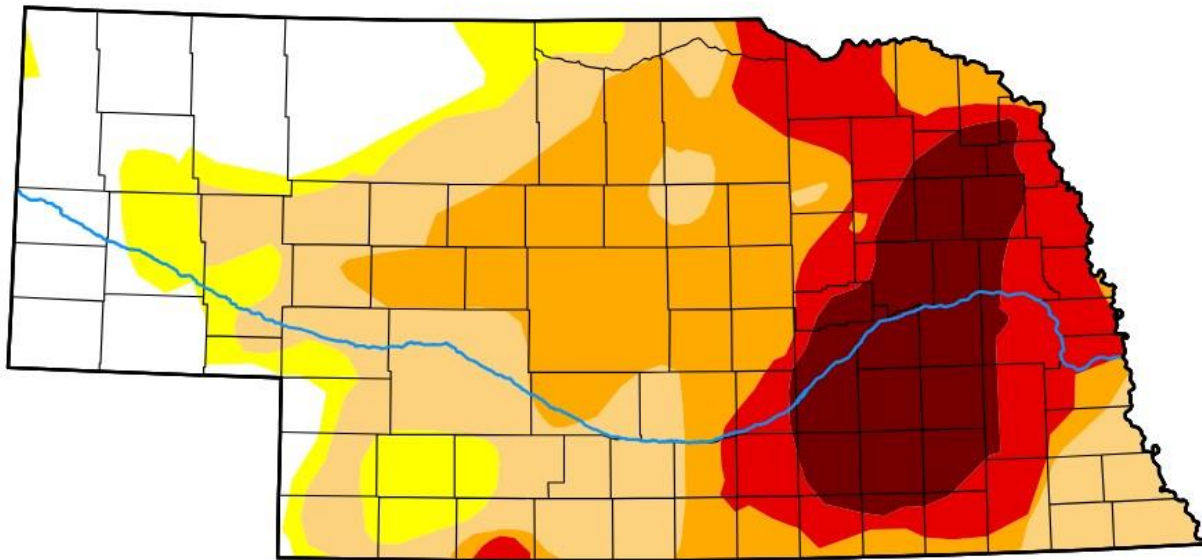
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## LINCOLN WEATHER AND CLIMATE

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# Monthly and Annual Precipitation Totals (in inches) 1887 thru Last Month

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
2023	1.32	1.29	0.63	0.59	0.51	4.53	.	.	.	.	.	.	8.87
2022	0.28	0.03	1.96	3.05	5.27	3.73	2.57	0.55	0.97	0.61	0.26	0.64	19.92
2021	1.53	0.79	5.23	1.74	2.55	4.46	1.73	3.41	0.64	4.04	0.49	0.25	2

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**Last Month's Data (June 2023)**  
**Next Month's Data (August 2023)**

**Year 2023 (and last year) Lincoln Precipitation in Inches compared to normal**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Normal	0.73	0.89	1.55	2.69	4.91	4.48	3.25	3.32	2.90	2.14	1.30	1.18	29.34
<b>2023</b>	<b>1.32</b>	<b>1.29</b>	<b>0.63</b>	<b>0.59</b>	<b>0.51</b>	<b>4.53</b>	<b>3.94</b>	.	.	.	.	.	<b>12.81</b>
2022	0.28	0.03	1.96	3.05	5.27	3.73	2.57	0.55	0.97	0.61	0.26	0.64	19.92

**Normal January 1 - June 30 Precipitation total = 15.25 inches**  
**Normal January 1 - July 31 Precipitation total = 18.50 inches**

2023 12.81 inches so far  
Normal is 29.34 inches  
Need 16.53 to get to normal

1936 Worst drought in recorded history for Lincoln at 14.09 inches  
We still need 1.29 inches to beat that record year.

2022 19.92 inches which was 9.42 inches below normal  
We still need 7.11 inches to meet the 2022 amount.

Total Gallons Per Day
1,516,452
965,107
1,019,780
1,071,399
1,199,295
1,047,527
1,158,978
1,246,400
1,264,894
1,156,600
838,474
705,800
940,699
1,166,200
1,199,563
1,273,000
1,091,434
812,300
1,039,338
1,234,400
1,601,813
1,263,300
1,397,802
1,337,800
933,601
1,143,400
1,253,869
1,305,900
1,145,887
869,800
720,802

Total Gallons Per Day
720,802
587,400
468,462
821,700
736,642
585,800
774,069
593,300
475,538
464,200
609,270

June 2023 average daily gallons used 1,113,000

July 2023 so far average daily gallons used 621,562

That's a 44 % decrease in water usage.

Well 4	Pumping level	June 29	45.8 feet	July 11	44.9 feet	gain of 0.9 feet
	Static level		23.2 feet		22.8 feet	gain of 0.4 feet

Need pumping level at 43 to be at 5 feet above screen, need to gain 1.9 feet to meet that level.

Well 5	Pumping level	June 29	46.8 feet	July 11	44.6 feet	gain of 2.2 feet
	Static level		21.3 feet		19.4 feet	gain of 1.9 feet

Need pumping level at 42 to be 5 feet above screen, need to gain 2.6 feet to meet that level

Well 6	Pumping level	June 29	129.5 feet	July 11	129.1 feet	gain of 0.4 feet
	Static level		80.5 feet		79.6 feet	gain of 0.9 feet

Need pumping level at 125 to be 5 feet above screen, need to gain 4.1 feet to meet that level

Well 8	Pumping level	June 29	132 feet	July 11	130.4 feet	gain of 1.6 feet
	Static level		74 feet		73.3 feet	gain of 0.7 feet

Need pumping level at 133 to be at 5 feet above screen, which meets that threshold with 7.6 feet over the screen.

Well 9	Pumping level	June 29	147.7 feet	July 11	146.8 feet	gain of 0.9 feet
	Static level		106.5 feet		104.9 feet	gain of 1.6 feet

Need pumping level at 145 to be 5 feet above screen, need to gain 1.8 feet to meet that level

Well 10	Pumping level	June 29	122.3 feet	July 11	120.9 feet	gain of 1.4 feet
	Static level		87.4 feet		85.6 feet	gain of 1.8 feet

Need pumping level at 137 to be 5 feet above screen, which meets that threshold with 16.1 feet over the screen

Well 11	Pumping level	June 29	135.8 feet	July 11	135.9 feet	loss of 0.1 feet
	Static level		98.7 feet		97.9 feet	gain of 0.8 feet

Need pumping level at 135 feet to be 5 feet above screen, need to gain 0.9 feet to meet that level